AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-32. (canceled)

33. (currently amended) A ~~data processing~~ system comprising:

~~a unit for producing data elements;~~

a database system for storing data elements;

<u>a</u> data processing ~~means~~ <u>system</u> for processing data elements, <u>the data processing system being associated to a first subscriber of a telecommunications system;</u>

<u>the data processing system comprising:</u>

a first database with at least part of its records containing ~~the~~ name information <u>given by the first subscriber</u> to one or more other subscribers ~~of a subscriber~~ of ~~a~~ <u>the</u> telecommunications system and ~~the subscribers address~~ <u>subscriber addresses of the one or more other subscribers</u> in the telecommunications system; and

interface means containing output means for outputting information to the ~~user~~ <u>first subscriber</u>

and input means for receiving as input information from the ~~user;~~ first subscriber; and

the database system comprising a server and a second database, wherein

said output means are arranged to output to the ~~user~~ first subscriber at least a part of the content of a data element in connection with at least one selection option for selecting ~~the~~ name information of ~~a subscriber for attaching person-based metadata that identifies the subscriber to the data element~~ the one or more other subscribers;

said input means are arranged to receive from the ~~user~~ ~~as input from said~~ first subscriber a selection of ~~a subscriber's~~ name information of at least one other subscriber; ~~wherein~~

~~said~~ the data processing ~~means are~~ system is, in response to the name selection by the ~~user~~ first subscriber, arranged to fetch ~~the~~ from the first database a subscriber address ~~in the telecommunications system~~ related to the selected name information ~~from the first database~~; and to attach to the data element person-based metadata that contains the fetched subscriber address; ~~in the telecommunications system, and~~

~~the system also comprises a database system for storing data elements, the database system comprising a server and a second database, said server being~~ the data processing system is arranged to receive a fetch request for a data element from a

~~user terminal~~ second subscriber accessing the server; and to check the access right to the data element by comparing the subscriber address ~~in the telecommunications system~~ attached to the fetch request with the person-based metadata of the data element.

34. (currently amended) The data ~~processing~~ system as claimed in claim 33, wherein said output means are arranged to output a selection view that contains at least a part of the name information in the first database.

35. (currently amended) The data ~~processing~~ system as claimed in claim 34, wherein said output means are also arranged to provide the ~~user~~ first subscriber with the option of attaching to the data element an additional definition controlling its access right;

said input means are arranged to receive as input from the ~~user~~ first subscriber said additional definition;

said data processing ~~means are~~ system is arranged to attach said additional definition to the data element.

36. (currently amended) The data ~~processing~~ as claimed in claim 34, wherein said output means are also arranged to provide the user with the option of attaching to the data element

an additional definition controlling a function to be implemented during its storage;

said input means are arranged to receive as input from the user said additional definition;

said data processing means are arranged to attach said additional definition to the data element.

37. (currently amended) The data ~~processing~~ system as claimed in claim 36, wherein the server is arranged to receive said additional definition; and, in response to the received additional definition, to execute during storage the function defined by the additional definition.

38. (currently amended) The data ~~processing~~ as claimed in claim 37, wherein said function includes transmitting the data element to ~~the~~ <u>at least one</u> subscriber identified by the address in the telecommunications system comprised in the person-based metadata.

39. (currently amended) The data ~~processing~~ system as claimed in claim 33, wherein the system also comprises a clock unit for defining the generation time of the data element, the clock unit being also arranged to

attach to the data element metadata containing a data series identifier;

measure a time interval between two data elements;

compare the time interval with a predefined reference value;

attach, in response to undershooting the reference value, to the later data element the same identifier as to the earlier data element; and

attach, in response to exceeding the reference value, to the later data element a different identifier than to the earlier data element.

40. (currently amended) The data ~~processing~~ system as claimed in claim 33, wherein the system also comprises a calendar unit, the calendar unit being also arranged to:

detect the generation time of the data element;

fetch a calendar event corresponding to the generation time;

attach to the data element metadata containing said calendar event.

41. (currently amended) The data ~~processing~~ system as claimed in claim 33, wherein the system also comprises a positioning unit, the positioning unit being also arranged to:

generate location information on a system element containing the positioning unit at the generation time of the data element;

attach to the data element metadata containing said location information.

42. (currently amended) The data ~~processing~~ system as claimed in claim 33, wherein said data elements contain image data.

43. (currently amended) A mobile station comprising:

a unit for producing data elements;

data processing means for processing data elements;

interface means containing output means for outputting information to ~~the user~~ <u>a subscriber using the mobile station</u> and input means for receiving as input information from the ~~user~~ <u>first subscriber using the mobile station</u>;

a phone list with at least part of its records containing name information of <u>other</u> subscribers of a mobile communications system, a record of name information of a <u>second</u> subscriber <u>in the phone list</u> comprising a name part including ~~a~~ ~~subscribers~~ <u>the second subscriber's</u> name in a form input by the ~~user~~ <u>first subscriber</u> of the mobile station, and an address part

including ~~at least the subscribers~~ second subscriber's address in the mobile communications system; wherein

said output means are arranged to output to the ~~user~~ first subscriber at least [[a]] part of the content of a data element in connection with a view to name part of the phone list ~~for selecting the subscriber's name in a form input by the user of the mobile station, for attaching person based metadata that identifies the subscriber to the data element~~;

said input means are arranged to receive as input from the ~~user~~ first subscriber a selected ~~subscribers~~ second subscriber's name in a form input by the ~~user of the mobile station~~ first subscriber;

said data processing means are, in response to the selection of the second subscriber's name, arranged to fetch ~~the~~ from the first database a subscriber address ~~in the mobile communications system~~ related to the selected second subscriber's name ~~from the first database,~~ and to attach to the data element person-based metadata that contains the fetched subscriber address ~~at least in the mobile communications system~~.

44. (currently amended) A method for ~~data~~ processing data in a system, comprising:

~~in which a data element is generated, and~~ maintaining records ~~are maintained~~ in a first database of a data processing

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system associated to a first subscriber of a telecommunications

system~~, and~~ at least part of the records of the first database

~~comprise~~ comprising name information ~~of a subscriber~~ given by the

first subscriber to the one or more other subscribers of

a telecommunications system and ~~the subscriber's address~~

subscriber addresses of the one or more subscribers in the

telecommunications system~~, comprising~~:

outputting ~~as output~~ to the ~~user with~~ first subscriber

at least a part of the content of the data element in connection

with the option of selecting ~~at least one subscribers~~ name

information of the one or more other subscribers ~~for attaching~~

~~person-based metadata that identifies the subscriber to the data~~

~~element~~;

receiving from the ~~user as input from said output said~~

~~subscriber's name information selection~~ first subscriber a

selection of name information of at least one other subscriber;

fetching, ~~in response to the users selection, the~~ from

the first database a subscriber address ~~of the subscriber in the~~

~~telecommunications system~~ related to the selected name

information ~~from the first database~~;

attaching to the data element person-based metadata

that contains the fetched subscriber address ~~in the~~

~~telecommunications system~~;

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~~storing data elements into~~ a database system connected to the system, the database system comprising a server and <u>a second</u> database; and

receiving a data element fetch request from a computer connected to the server; and

checking the access right to the data element by comparing the subscriber address ~~in the telecommunications system~~ attached to the fetch request with the person-based metadata of the data element.

45. (previously presented) The method as claimed in claim 44, further comprising providing a selection view containing at least a part of the name information in the first database.

46. (currently amended) The method as claimed in claim 45, further comprising providing the ~~user~~ <u>first subscriber</u> with the option of attaching to the data element an additional definition controlling its access right;

receiving as input from the ~~user~~ <u>first subscriber</u> said additional definition;

attaching said additional definition to the data element.

47. (currently amended) The method as claimed in claim 45, further comprising providing the ~~user~~ first subscriber with the option of attaching to the data element an additional definition controlling a function executed during the storage of the data element;

receiving as input from the ~~user~~ first subscriber said additional definition;

attaching said additional definition to the data element.

48. (previously presented) The method as claimed in claim 47, further comprising receiving to the server said additional definition; and, in response to the received additional definition, executing said function during storage.

49. (previously presented) The method as claimed in claim 48, further comprising executing said function by transmitting the data element to the subscriber identified by the subscriber address in the telecommunications system contained in the person-based metadata.

50. (previously presented) The method as claimed in claim 46, further comprising:

defining the generation time of the data element;

attaching to the data element metadata containing an identifier that identifies a data series to which the data element belongs;

measuring a time interval between two data elements;

comparing the time interval with a predefined reference value;

attaching, in response to undershooting the reference value, to the later data element the same identifier as to the earlier data element; and

attaching, in response to exceeding the reference value, to the later data element a different identifier than to the earlier data element.

51. (previously presented) The method as claimed in claim 46, further comprising:

detecting the generation time of the data element;

fetching a calendar event corresponding to the generation time;

attaching to the data element metadata containing said calendar event.

52. (currently amended) The method as claimed <u>in</u> claim 46, further comprising:

generating the location information of the system element that generated the data element at the generation time of the data element:

attaching to the data element metadata containing said location information.

53. (currently amended) A software product of a computer, ~~further~~ comprising:

executing commands makes the computer to implement the steps of:

receiving a data element and person-based contentual metadata attached to the data element, the contentual metadata containing the address of at least one subscriber in a specific telecommunications system;

checking whether an additional definition controlling the access right of the data element is attached to the received data element;

executing said control in response to the fact that an additional definition is attached.

54. (currently amended) A network element of a telecommunications system, the network element comprising:

first interface means for receiving data elements;

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user interface means for outputting information to the user ~~of the network element~~ and receiving ~~as~~ input information from the user <u>of the network element</u>;

~~second interface means containing output means for outputting information to the user and input means for receiving input information from the user;~~ wherein

the network element is connected to a first database for access to a phone list ~~with~~ <u>of a first subscriber of a telecommunications system</u> at least part of ~~its~~ records <u>of the phone list</u> containing name information of <u>one or more other</u> subscribers of a mobile communications system, a record of name information of [[a]] <u>another</u> subscriber comprising a name part including a ~~subscriber's~~ <u>subscriber</u> name in a form input by the ~~user of the network element~~ <u>first subscriber</u>, and an address part including a ~~subscribers~~ <u>mobile communication system subscriber</u> address ~~in the mobile communications system~~ <u>related to the subscriber name</u>;

said output means are arranged to output to the user ~~as output~~ <u>of the network element</u> at least a part of ~~the~~ <u>a</u> content of a data element in connection with a view to name part of the phone list ~~for selecting the subscriber's name in a form input by the user of the network element, for attaching person-based metadata that identifies the subscriber to the data element~~ <u>of the first subscriber</u>;

said input means are arranged to receive from the user of the network element as input from said connected output a selected ~~subscriber's name in the form input by the user of the network element~~ subscriber name of a second subscriber;

said data processing means are, in response to the selection by the user of the network element, arranged to fetch the ~~subscribers~~ subscriber address ~~in the mobile communications system~~ related to the selected name information from the first database; and to attach to the data element person-based metadata that contains the fetched subscriber address of the second subscriber in the mobile communications system.

55. (currently amended) A database system of a telecommunications system, the database system comprising a database and a server, wherein the server comprises:

first interface means for receiving from a first subscriber a first data element, a second data element and person-based contentual metadata attached to the data ~~element~~ elements, the contentual metadata containing the address of at least one other subscriber in a specific telecommunications system; and

data processing means arranged to

check whether an additional definition controlling the access right of the data element is attached to the received data element;

execute said control in response to the fact that an additional definition is attached[[.]]_;_

read first contentual metadata attached to the first data element and second contentual metadata attached to the second data element;

check whether the first and second contentual metadata simultaneously meet a specific combination rule; and

combine, in response to the first and second contentual metadata simultaneously meeting the specific combination rule, the first and second data element into a data set to be processed as one entity.

56-57. (canceled)

58. (currently amended) The database system as claimed in claim 51 55, wherein the combination rule of the data processing means is a functionality stored in the data processing means, and the data processing means are arranged to check the combination rule in response to receiving data elements.

59. (previously presented)   The database system as claimed in claim 57, wherein said interface means are arranged to receive the combination rule from the user.

60. (currently amended)   A computer program product encoding a computer process of instructions for executing a computer process for ~~data processing in a system, in which a data element is generated, and records are maintained in a first database, and at least part of the records of the first database comprise name information of a subscriber of a telecommunications system and the subscriber's address in the telecommunications system, the process comprising:~~

~~outputting to the user as output at least a part of the content of the data element in connection with the option of selecting at least one subscriber's name information for attaching person-based metadata that identifies the subscriber to the data element;~~

~~receiving from the user as input from said output said subscriber's name information selection;~~

~~fetching, in response to the users selection, the address of the subscriber in the telecommunications system related to the selected name information from the first database;~~

~~attaching to the data element person-based metadata~~
~~that contains the fetched subscriber address in the~~
~~telecommunications system;~~

~~storing data elements into a database system connected~~
~~to the system, the database system comprising a server and~~
~~database; and~~

~~receiving a data element fetch request from a computer~~
~~connected to the server; and checking the access right to the~~
~~data element by comparing the subscriber address in the~~
~~telecommunications system attached to the fetch request with the~~
~~person-based metadata of the data element~~ processing data in a
system, the process comprising:

maintaining records in a first database of a data
processing system associated to a first subscriber of a
telecommunications system, at least part of the records of the
first database comprising name information given by the first
subscriber to the one or more other subscribers of a
telecommunications system and subscriber addresses of the one or
more other subscribers in the telecommunications system;

outputting to the first subscriber at least a part of
the content of the data element in connection with the option of
selecting name information of the one or more other subcribers;

receiving from the first subscriber a selection of name
information of at least one other subscriber;

fetching from the first database, a subscriber address related to the selected name information;

attaching to the data element person-based metadata that contains the fetched subscriber address;

sending the data element with the attached person-based metadata to a database system connected to the system, the database system comprising a server and a second database; and

receiving a data element fetch request from a computer connected to the server; and

checking the access right to the data element by comparing the subscriber address attached to the fetch request with the person-based metadata of the data element.